

INTERNATIONAL SEARCH REPORT

Application No
PCT/GB 03/01512A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K33/14 A61P9/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, EMBASE, BIOSIS, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X | <p>WATANABE Y ET AL: "POTASSIUM AND HYPERTENSION"</p> <p>NUTRITION REVIEWS, ALLEN PRESS, LAWRENCE, KS, US,</p> <p>vol. 5, PART 1, no. 56,</p> <p>May 1998 (1998-05), pages 151-153,</p> <p>XP001084410</p> <p>ISSN: 0029-6643</p> <p>the whole document</p> <p style="text-align: center;">— — — — — — / —</p> | 1-44 |



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

30 July 2003

Date of mailing of the international search report

06/08/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Economou, D

INTERNATIONAL SEARCH REPORT

 Int. Application No
 PCT/GB 03/01512

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X | <p>KAWANO Y ET AL: "EFFECTS OF POTASSIUM SUPPLEMENTATION ON OFFICE, HOME, AND 24-H BLOOD PRESSURE IN PATIENTS WITH ESSENTIAL HYPERTENSION"</p> <p>AMERICAN JOURNAL OF HYPERTENSION, NEW YORK, NY, US, vol. 10, no. 11, October 1998 (1998-10), pages 1141-1146, XP001087760 the whole document</p> | 1-44 |
| X | <p>KONETH I ET AL: "KALIUM UND ARTERIELLE HYPETONIE - SIND KALIUMSUPPLEMENTE HILFREICH? POTASSIUM AND ARTERIAL HYPERTENSION - ARE POTSSIUM SUPPLEMENTS USEFUL?"</p> <p>SCHWEIZERISCHE RUNDSCHAU FUER MEDIZIN PRAXIS, HALLWAG, BERN, CH, vol. 38, no. 89, 21 September 2000 (2000-09-21), pages 1499-1505, XP001088416 ISSN: 1013-2058 the whole document</p> | 1-44 |
| X | <p>ALFONSO SIANI ET AL.: "Controlled trial of long term oral potassium supplements in patients with mild hypertension"</p> <p>BRITISH MEDICAL JOURNAL, vol. 294, 6 June 1987 (1987-06-06), pages 1453-1456, XP001088513 the whole document</p> | 1-44 |
| X | <p>US 4 855 289 A (WESTER PER O ET AL) 8 August 1989 (1989-08-08) the whole document</p> | 1-44 |
| X | <p>WO 90 04403 A (UNIV CALIFORNIA) 3 May 1990 (1990-05-03) page 4, line 35 -page 5, line 36 page 6, line 28 -page 16, line 14 claims 1-20</p> | 1-44 |
| X | <p>WO 95 35038 A (SINGER PETER) 28 December 1995 (1995-12-28) the whole document</p> | 1-44 |
| X | <p>DATABASE WPI Section Ch, Week 199510 Derwent Publications Ltd., London, GB; Class B04, AN 1995-070227 XP002209847 & JP 06 345660 A (EARTH SEIYAKU KK), 20 December 1994 (1994-12-20) abstract</p> | 1-44 |
| | -/- | |

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB 03/01512

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| X | <p>DATABASE WPI Section Ch, Week 199510 Derwent Publications Ltd., London, GB; Class B04, AN 1995-070230 XP002209848 & JP 06 345664 A (TOMITA T), 20 December 1994 (1994-12-20) abstract</p> <p>-----</p> | 1-44 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

Application No
PCT/GB 03/01512

| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|---|---------------------|----------------------------|---------------------|
| US 4855289 | A | 08-08-1989 | NONE | |
| WO 9004403 | A | 03-05-1990 | AT 145825 T | 15-12-1996 |
| | | | AT 101795 T | 15-03-1994 |
| | | | AU 634988 B2 | 11-03-1993 |
| | | | AU 4515489 A | 14-05-1990 |
| | | | AU 635231 B2 | 18-03-1993 |
| | | | AU 4622089 A | 14-05-1990 |
| | | | CA 2001123 A1 | 21-04-1990 |
| | | | CA 2001124 A1 | 21-04-1990 |
| | | | DE 68913311 D1 | 31-03-1994 |
| | | | DE 68913311 T2 | 26-05-1994 |
| | | | DE 68927519 D1 | 16-01-1997 |
| | | | DE 68927519 T2 | 03-04-1997 |
| | | | DK 72691 A | 22-04-1991 |
| | | | DK 72791 A | 14-05-1991 |
| | | | EP 0440738 A1 | 14-08-1991 |
| | | | EP 0461111 A1 | 18-12-1991 |
| | | | EP 0720855 A2 | 10-07-1996 |
| | | | HU 57989 A2 | 28-01-1992 |
| | | | HU 63058 A2 | 28-07-1993 |
| | | | IL 92075 A | 31-07-1995 |
| | | | IL 92076 A | 31-08-1995 |
| | | | JP 2843146 B2 | 06-01-1999 |
| | | | JP 4501724 T | 26-03-1992 |
| | | | JP 2948247 B2 | 13-09-1999 |
| | | | JP 4501419 T | 12-03-1992 |
| | | | KR 163583 B1 | 01-12-1998 |
| | | | KR 178033 B1 | 20-03-1999 |
| | | | US 5496569 A | 05-03-1996 |
| | | | WO 9004402 A1 | 03-05-1990 |
| | | | WO 9004403 A1 | 03-05-1990 |
| | | | US 5498428 A | 12-03-1996 |
| | | | US 6027737 A | 22-02-2000 |
| | | | US 5932252 A | 03-08-1999 |
| | | | US 5171583 A | 15-12-1992 |
| | | | US 5804204 A | 08-09-1998 |
| | | | US 5766640 A | 16-06-1998 |
| | | | US 5281424 A | 25-01-1994 |
| | | | ZA 8908017 A | 28-12-1990 |
| | | | ZA 8908018 A | 28-12-1990 |
| WO 9535038 | A | 28-12-1995 | WO 9535038 A1 | 28-12-1995 |
| JP 6345660 | A | 20-12-1994 | NONE | |
| JP 6345664 | A | 20-12-1994 | NONE | |